MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
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M6
1935

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY, 1935

J. A. BROWN, DIRECTOR

LIBRARY

N.O.A.A
U.S. Dept. of Commerce

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JANUARY 1935
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.7	56.9	57.8	58.2	18.1	12 8	15.6	17.2	14.3	15.7
2	59.2	8.9	60.3	9.5	16.7	11.8	12.0	16.5	12.7	13.7
3	62.2	61.0	1.6	61.6	13.9	12.0	12.9	11.5	12.3	13.2
4	0.8	59.1	58.2	59.4	16.9	11.0	15.0	16.3	12.6	14.6
5	54.5	3.3	5.9	4.6	18.1	12.1	15.9	17.3	13.9	15.7
6	59.8	59.9	54.3	58.0	16.4	11.7	12.7	16.3	14.2	14.4
7	9.8	9.4	61.7	60.3	15.5	12.7	14.6	13.1	14.8	14.2
8	63.2	63.7	5.7	4.2	15.0	11.3	13.8	13.9	10.9	12.9
9	7.2	7.1	9.0	7.8	14.2	8.5	11.7	13.2	12.1	12.3
10	71.2	8.4	72.0	70.5	14.9	9.5	12.6	14.4	11.7	12.9
11	71.8	69.5	69.1	70.1	15.6	10.6	13.9	15.3	12.0	14.3
12	68.0	5.5	5.2	66.3	15.9	10.1	12.9	15.4	12.8	13.7
13	4.4	3.2	4.3	4.0	18.2	12.6	13.7	17.3	14.4	15.1
14	4.3	2.6	1.1	2.7	18.4	12.8	15.8	18.1	15.1	16.3
15	59.1	57.7	58.2	58.3	18 4	13.9	15.1	17.6	16.2	16.3
16	58.6	59.3	59.9	59.3	17.9	14.1	16.6	16.4	13.8	15.6
17	8.5	6.1	5.8	6.8	16.2	11.4	14.2	15.8	14.9	15.0
18	5.1	6.5	9.7	7.1	15.0	9.3	11.2	14.6	13.3	13.0
19	64.2	64.1	65.4	64.6	15.9	10.6	14.3	15.5	12.2	14.0
20	7.9	6.8	7.6	7.4	15.1	9.8	13.9	14.5	14.1	14.2
21	67.5	66.2	66.2	66.6	15.8	10.7	14.1	15.0	13.8	14.3
22	6.3	5.7	6.0	6.0	15.8	10.1	13.6	14.4	12.8	13.6
23	5.9	4.7	4.3	5.0	15.7	10.1	14.0	14.8	13.8	14.2
24	4.1	2.8	4.0	3.6	15.7	10.1	13.3	15.5	14.4	14.4
25	6.3	5.6	6.8	6.3	16.2	10.1	12.8	14.9	13.7	13.8
26	67.9	66.6	66.0	66.8	16.4	10.7	14.4	15.7	13.8	14.6
27	5.3	2.2	0.7	2.7	16.7	12.6	13.9	14.9	16.5	15.1
28	59.2	59.1	59.6	59.3	24.1	13.0	20.9	21.0	17.6	19.8
29	7.8	4.7	4.7	5.4	19.4	15.6	16.7	18.9	17.8	17.5
30	4.6	4.5	4.9	4.7	18.8	15.5	17.4	18.2	16.7	17.4
31	4.3	3.1	3.8	3.7	16.8	10.8	12.7	15.1	15.4	14.4
	762.57	761.75	761.93	761.96	16.70	11.55	14.26	15.76	14.02	14.72

Barometer, range for month 753.1 mm.–772.0 mm.
,, 50-yr. average for month 763.360 mm.
Thermometer, Range for month 8°.5—24.°1 C.
,, 50-yr. average for month 13.°67 C.
Rain, total for month 212.99 mm.
,, , 50-yr average for month 191.01 mm.
,, , total, Sept. 1st to end of month 549.24 mm.
,, , 50-yr. average, Sept. 1st to end of month 576.84 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.0	13.2	10.9	9.6	9.0	8.0	8.8	73	62	66	67	7.3	
2	11.0	12.2	11.6	9.2	8.3	9.5	9.0	88	59	88	78	1.2	21.84
3	10.9	11.1	11.5	8.6	9.6	9.6	9.3	78	95	90	88	0.0	40.01
4	12.3	12.7	9.2	9.1	8.9	7.0	8.3	72	65	64	67	4.3	4.44
5	11.3	12.9	12.0	7.7	8.7	9.3	8.6	58	60	79	66	0.5	7.87
6	12.2	13.4	11.5	10.5	9.8	8.6	9.6	94	71	72	79	0.8	24.26
7	10.7	12.3	13.2	7.5	10.1	10.3	9.3	61	90	81	77	0.0	10.54
8	10.7	10.0	8.2	8.0	7.2	6.7	7.3	68	61	70	66	3.2	6.73
9	8.4	9.9	8.7	6.6	7.5	6.7	6.9	64	65	64	64	7.1	
10	8.6	11.	9.3	6.5	8.1	7.4	7.3	60	66	72	66	9.4	
11	9.4	12.5	8.4	6.7	9.2	6.5	7.5	57	71	62	63	8.8	
12	9.0	11.6	9.9	6.7	8.1	7.6	7.5	60	63	69	64	3.2	
13	9.9	12.9	11.0	7.3	8.7	8.0	8.0	63	60	65	63	1.8	
14	11.4	14.4	11.9	7.8	10.0	8.6	8.8	58	65	68	64	2.2	
15	12.8	14.8	15.4	9.6	10.7	12.6	11.0	75	71	92	79	0.0	4.57
16	13.7	13.9	12.0	10.0	10.2	9.4	9.9	71	74	80	75	0.9	22.22
17	10.6	11.2	11.6	7.6	7.5	8.4	7.8	64	56	76	65	1.3	
18	10.8	11.9	10.3	9.4	8.9	7.8	8.7	96	72	68	79	2.0	42.67
19	10.4	11.6	10.1	7.5	8.1	7.9	7.8	61	62	75	66	1.0	7.40
20	11.4	11.9	10.6	8.6	9.0	7.7	8.4	73	73	65	70	3.7	
21	10.6	12.2	10.9	7.7	8.9	8.1	8.2	64	71	68	68	4.2	
22	9.2	10.1	9.7	6.7	7.0	7.4	7.0	56	57	67	60	5.1	
23	9.1	11.8	10.7	6.4	8.7	8.1	7.7	54	69	66	63	7.3	
24	11.8	12.2	11.7	9.4	8.7	8.7	8.9	83	67	71	74	4.0	1.27
25	10.9	13.2	10.9	8.6	10.2	8.3	9.0	79	81	71	77	5.6	4.44
26	11.2	13.0	10.4	8.2	9.6	7.6	8.5	57	72	65	68	3.7	
27	10.6	12.7	13.8	7.7	9.6	10.1	9.1	65	75	72	71	0.0	1.40
28	14.9	16.5	16.6	9.4	11.2	13.4	11.3	51	61	90	67	3.2	
29	14.6	15.4	15.3	11.0	10.9	11.3	11.1	77	67	75	73	3.8	
30	15.3	15.1	14.4	11.6	10.9	10.8	11.1	78	70	77	75	8.3	
31	11.3	12.7	13.1	9.1	9.5	9.9	9.5	83	74	76	78	0.2	13.33
				8.40	9.19	8.75	8.75	69.5	68.6	73.0	70.3	3.4	6.87

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	0	3cu	1.3	0	2w	3sw	183.3	light	
2	7ni	7cu	10ni	8.0	2sw	5sw	2sw	333.2	stormy	
3	9cu	10ni	10ni	9.7	2sw	1sw	1nw	262.3	mod.	
4	8stcu	2cu	3cu	4.3	4s	4sw	3sw	346.0	„	
5	9cu	10cu	10ni	9.7	4sw	6sw	5sw	494.1	rough	
6	10ni	7cu	8cu	8.3	1sw	4sw	3sw	383.0	„	
7	9cu	9cu	10ni	9.3	5sw	2sw	3sw	342.8	stormy	
8	8cu	4cu	2cu	4.7	3nw	1n	0	185.0	„	
9	1cu	1cu	1cu	1.0	1n	0	1n	201.1	mod.	
10	0	0	0	0.0	1w	1w	0	136.8	slight	
11	0	1cu	1cu	0.7	1nw	1nw	1nw	144.8	„	
12	3st	6ci	8ci	5.7	0	0	1nw	93.3	„	dew in a.m.
13	10st	8stci	7ci	8.3	0	0	0	62.2	mod.	
14	6st	10stcu	5ci	7.0	0	1w	1w	101.4	„	
15	10cu	10ni	10ni	10.0	1sw	1sw	1sw	121.2	slight	
16	5cu	8cu	5cu	6.0	4sw	2sw	3w	276.8	mod.	
17	8stci	8cu	7ni	7.7	3sw	5sw	5sw	444.7	stormy	tr. th'storm night
18	10ni	7cu	9stcu	8.7	2sw	4sw	4sw	484.9	„	th'storm a.m. p.m.
19	5cu	9stcu	8ni	7.3	3w	2w	2w	292.9	mod.	
20	1cu	1cu	1cu	1.0	0	0	0	149.0	slight	
21	1cu	2cu	2cu	1.7	1n	2nw	1nw	157.1	„	
22	1st	1cu	1cu	1.0	1nw	1nw	1nw	115.9	„	
23	0	1st	4stcu	1.7	1nw	0	0	105.6	light	
24	8cu	6cu	8cu	7.3	1w	1sw	1sw	126.6	mod.	
25	7stcu	4cu	5stcu	5.3	1w	1sw	1sw	111.6	slight	
26	1cu	4stcu	5stcu	3.3	0	1w	1w	134.7	„	
27	10ni	10stcu	10cu	10.0	0	1sw	1sw	149.8	mod.	
28	5cu	8cu	8cu	7.0	1sw	1sw	0	121.5	„	tr.
29	3stcu	2st	5st	3.3	1sw	1sw	1sw	137.8	„	mist a.m. noon
30	0	1cu	6cu	2.3	3sw	2sw	2sw	253.3	„	„ „ „
31	10ni	9ni	10ni	9.7	3sw	5sw	4sw	319.2	stormy	
				5.5	1.6	1.9	1.7	218.45		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	0	0	0	1	13	4	4	7
14:30	1	0	0	0	1	17	5	3	5
20:30	1	0	0	0	0	15	4	5	6
Totals	4	0	0	0	1	45	13	12	18

Number of days with rain 15, fog 0, thunderstorms 3, gales 0.

50-yr. average number of days with rain during month 15.8